



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(s): HARKER et al.

SERIAL NO.: 10/643,507 ART UNIT: 2873

FILING DATE: August 19, 2003 EXAMINER: Martinez,

Joseph P.

TITLE: INTEGRATED VARIABLE OPTICAL ATTENUATOR AND

ISOLATOR, COMPONENTS THEREFOR AND METHOD OF

ASSEMBLY

ATTORNEY

DOCKET NO.: 871-011435-US/30020759-US02

Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(c)(2))

Sir:

This Information Disclosure Statement is being filed pursuant to 37 C.F.R. §1.97(c)(2) before the mailing date of any of a final action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application. This information disclosure statement is accompanied by a check in the amount of \$ 180.00 payment of the fee as set forth in 37 C.F.R. §1.17(p).

The following information is being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application. Applicants' Attorney is aware of the following references:

04/16/2004 MAHMED1 00000052 10643507

01 FC:1806 180.00 OP

US 5,978,135

US 6,055,102

"Compact Optical Isolator" (pp. 2329-2331)

Copies of these references are enclosed together with a Form PTO-1449.

The Commissioner is hereby authorized to charge payment for any additional fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope address to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 4/13/04

Signature: <u>Shannon Watt</u>

12 april 2004 Date

5 2004 E	ATENT APPLICA' (FORM PTO-144 (Substitute) Patent Number 5,978,135 6,055,102		Applicant(s): HARKER et al. Filing Date: August 19, 2003 U.S. PATENTS Name Abbott et al. Park	APR 1 5 2004 Ground Gro	p: 2873 Sub- class 484 484]
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	ОТНЕ	R DOCUME	ENTS (Title, Author, Date, P	ages, Etc., if known)	
	F.J. Sansalone, "Comp	oact Optical Iso	olator", Applied Optics, October 197	1, Vol. 10, No. 10, pp. 23	29-2331.	

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	er's Signature:	-		Date Considered:		

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